SS White® Universal CAD/CAM Kit
(SS White® Burs, Inc.) (Project #11-017) (1/12)

The SS White® Universal CAD/CAM kit is specifically designed for the preparation of milled ceramic crowns, inlays and partial coverage restorations to aid in standardizing CAD/CAM preparation protocols. The kit contains nine types of SS White® carbide burs, diamond instruments and polishers in a sturdy plastic case for storage and organization. The kit includes a step-by-step laminated technique guide. The kit provides a streamlined selection of sterile, individually packaged burs.

Manufacturer:
SS White Burs®, Inc.
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(732) 905-0987 FAX
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Suggested Retail Price:
$972.98 Complete standard set of nine different types of carbide burs, diamond instruments and polishers in a plastic storage case.

Government Price:
$769.00 Complete standard set of nine different types of carbide burs, diamond instruments and polishers in a plastic storage case.

ADVANTAGES:
+ Standardized, accurate reduction
+ Good axial reduction
+ Removes tooth structure easily
+ Faster, smoother cutting

DISADVANTAGES:
- Length of 7675 and 856 burs are too long, making access to 2nd molars difficult

SUMMARY AND CONCLUSIONS:
The SS White® Universal CAD/CAM Kit is specifically designed for the preparation of milled ceramic crowns, inlays and partial coverage ceramic restorations to aid in standardizing CAD/CAM tooth preparations. The kit contained nine types of carbide burs, diamond instruments and polishers organized in a sturdy plastic case making organization simple. Clinical evaluators liked the smoothness and cutting efficiency of the carbide burs but more importantly the clinical evaluators liked the precise, standardized depth cutting from the occlusal reduction bur and the cusp reduction bur. Clinical evaluators seemed less concerned about the contact breaking bur and the margin finishing bur. All of the reviewers had over 20 years of clinical experience and still enjoyed the standardized depth cutting which will most definitely help the less experienced dentist. The most common cause of failure among CEREC crowns is fracture.[1] Properly restored all-ceramic crowns have demonstrated high success rates[2] and the trend appears to be moving toward all ceramic restorations as ceramic materials become less fracture-prone. The **SS White® Universal CAD/CAM Carbide Bur Kit** is rated **Outstanding** for use in US Air Force dental facilities.

References
1. Jedynakiewitz, MN. CEREC shows high survival rate at 4 years. Evidence-Based Dent 2000;2:39.
2. Reiss, B. Long-term clinical performance of CEREC restorations and the variables affecting treatment success. Compendium 2001;22,No. 6 (suppl) 14–16.